FIG. 1

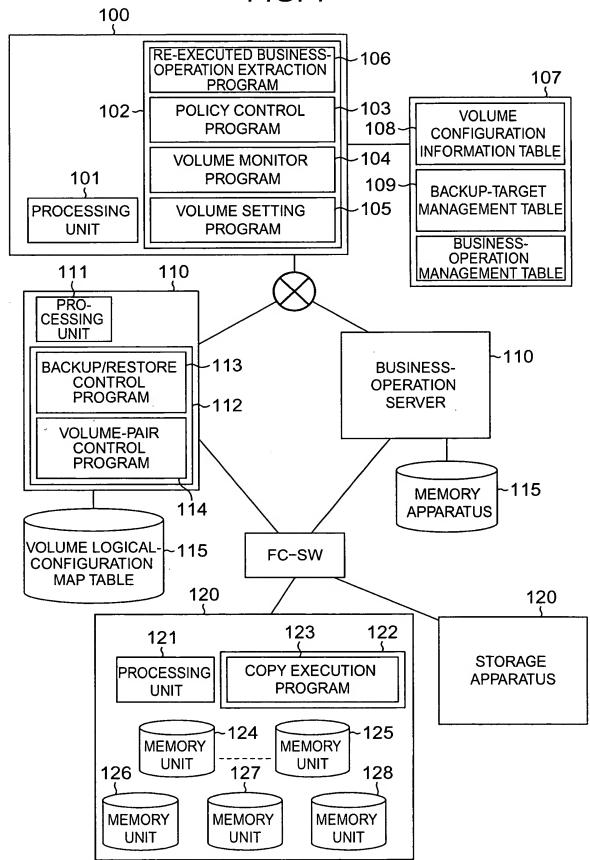


FIG. 2

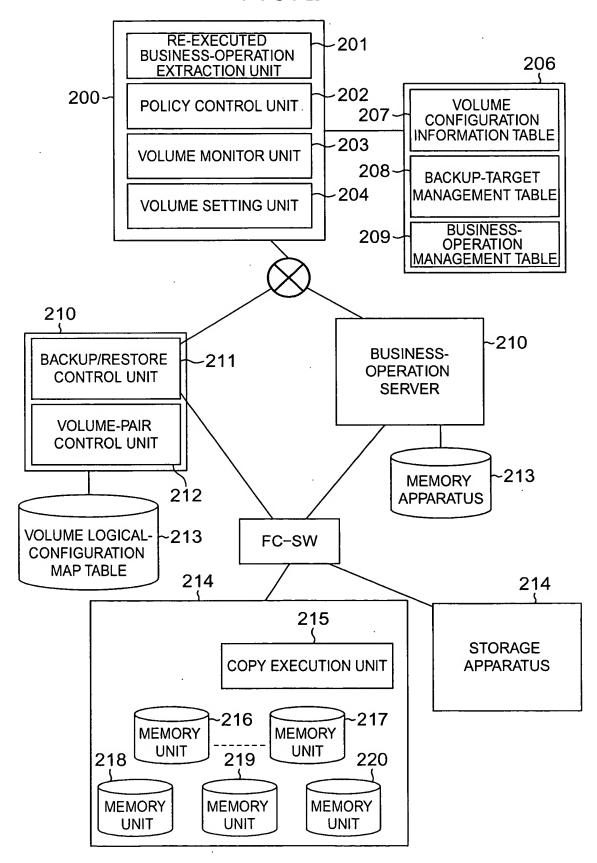


FIG. 3

307		ER RY"				s F	s F		
306		"DISASTER RECOVERY"		]	l	FLAG IS PRESENT	FLAG IS PRESENT	• • •	1
304	POLICY	"SECONDARY UTILIZATION"		FLAG IS PRESENT	FLAG IS PRESENT		1	•••	l
305		"NEWEST STATE ONLY"	FLAG IS PRESENT	FLAG IS PRESENT	1	FLAG IS PRESENT	_	•••	FLAG IS PRESENT
303	EXPIRATION TIME-LIMIT		I	2 weeks	1	1 year	l	• • •	1
302	SERVER		۷	A	٩	A,B	В	• • •	S
301	BACKUP TARGET		System	Temp	System,ccc.txt	Temp,ddd.txt	System, eee.txt		qqq.txt
300	!	GROUP	A	В	O	۵	ш	• • •	Ø

FIG. 4

400	401	402	403	404 \	
DATABASE NAME	FILE NAME	DEVICE FILE NAME	DISK ID	HOUSING ID	
system	aaa.txt	c5t0d1	001	100	
system	bbb.txt	c5t0d2	003	100	
temp	ccc.txt	c5t0d3	003	100	
:	:	:	:	:	
_	qqq.txt	c6t1d3	002	200	
•	:	:	:	:	

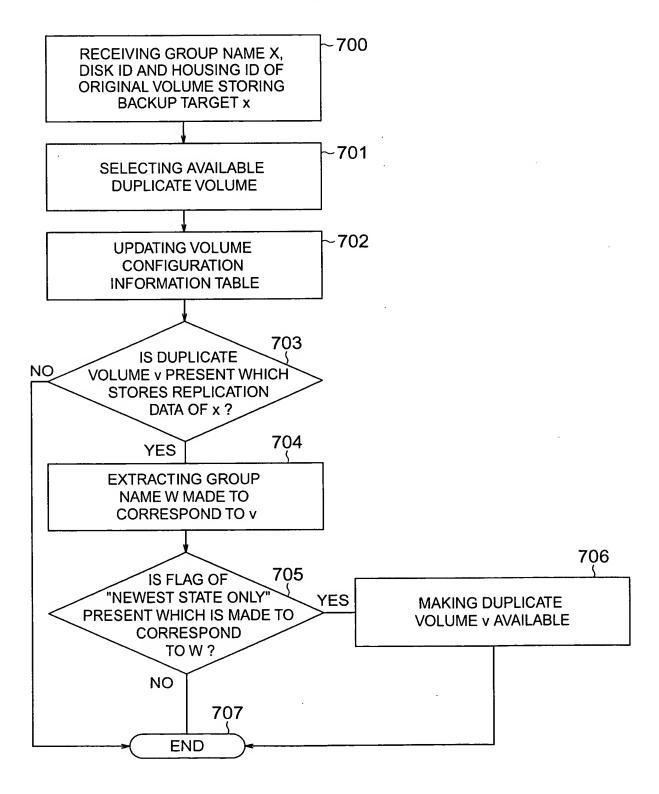
FIG. 5

500	501				
BUSINESS- OPERATION NAME	NECESSARY DATA				
. А	<del></del>				
В	(A,aaa.txt)				
· C	(A,aaa.txt),(B,bbb.txt)				
D	(A,aaa.txt),(C,temp)				
E	(A,aaa.txt),(B,bbb.txt),(C,ddd.txt)				

FIG. 6

0 611	FAULT			ABSENT	ABSENT	PRESENT
609 610	ATA )	GENERATION NUMBER	-	-	2	3
607	REPLICATION DATA	BACKUP TARGET	1	aaa.txt	aaa.txt	Fff.txt
809		GROUP	1	A	ပ	ш
909	AVAILABLE FLAG		1	1	ı	
605	PAIR- HOUSING		100		100	200
604	PAIR-DISK ID		003		001	005
603	ТҮРЕ		ORIGINAL	DUPLICATE	DUPLICATE	DUPLICATE
602	USE SERVER		4	В	4	U
601	HOUSING		100	100	100	200
009	DISKID		001	002	003	005

FIG. 7



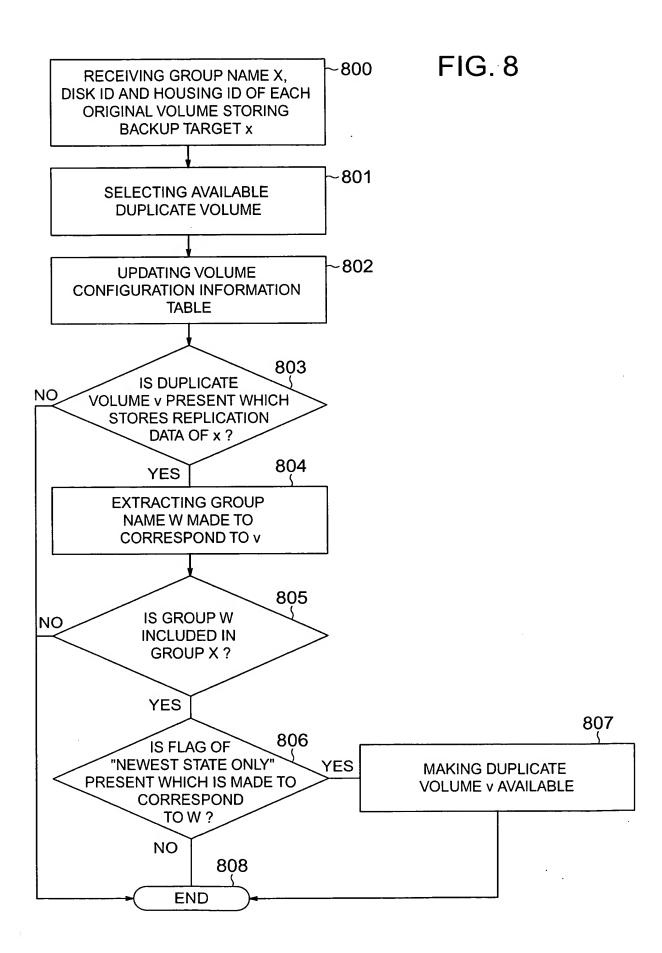


FIG. 9

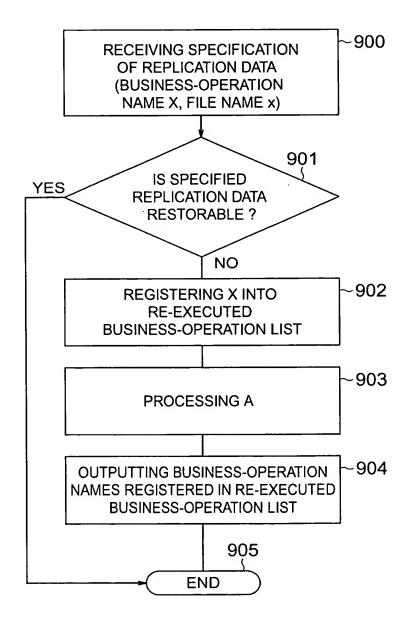


FIG. 10

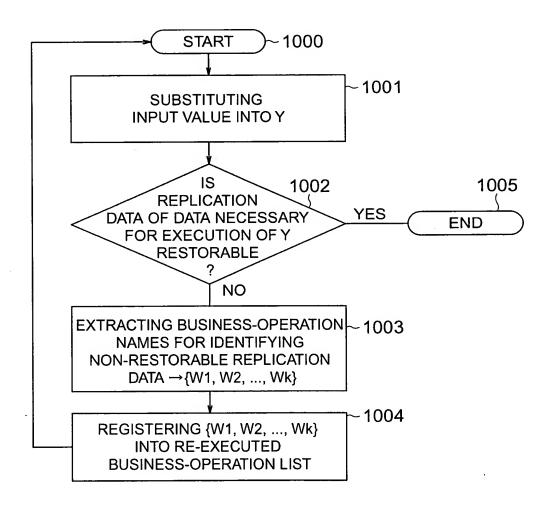


FIG. 11

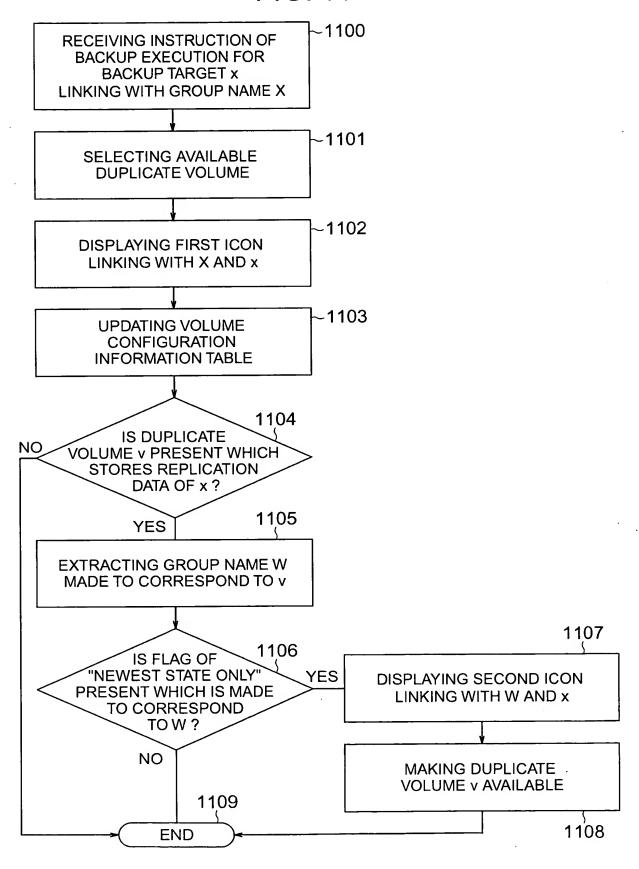
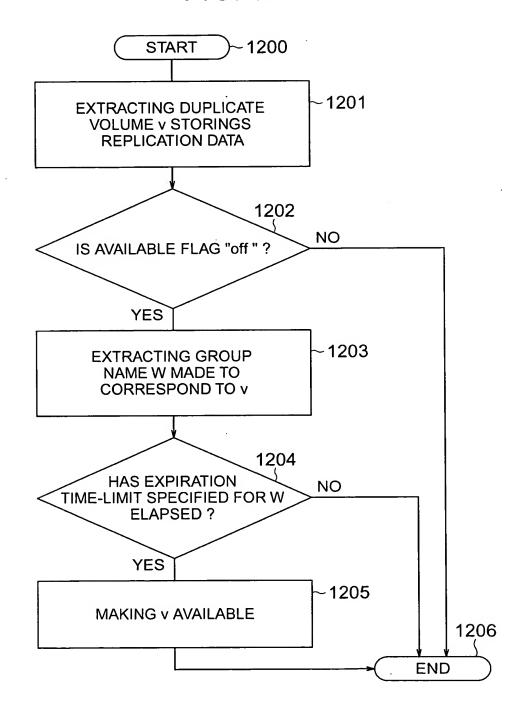


FIG. 12



REPLICATION DATA 5 FIG. 13 4 က 2 BACKUP TARGET System System 1301 ccc.txt Temp 1300 GROUP ပ ⋖ മ